

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

AM1735  
Docket No. 49959-013

Re: Inventor(s): Ariel Ben-Porath and Mark Wagner  
Title: AUTOMATIC DEFECT CLASSIFICATION WITH INVARIANT CORE CLASSES

Transmitted herewith is the patent application identified above, including:

X Specification, claims and abstract, totaling 35 pages.

X Drawings totaling 18 pages,    Formal X Informal.

   Executed Declaration and Power of Attorney.

Assignment of the invention to **Applied Materials, Inc.**

Assignment Recordation Cover Sheet

FEE CALCULATION					
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	60	-20=	40	X\$22.00	\$ 880.00
Independent Claims	8	-3=	5	X\$82.00	410.00
Basic Filing Fee				\$790.00	\$ 790.00
<b>TOTAL FEES</b>					<b>\$ 2,080.00</b>

XX The Commissioner is hereby authorized to charge \$2,080.00 to Deposit Account No. 01-1651.

XX The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1651. A duplicate copy of this transmittal is enclosed.

XX Please address all future correspondence to:  
**PATENT COUNSEL  
APPLIED MATERIALS, INC.  
Legal Affairs Department  
P.O.BOX 450A  
Santa Clara, CA. 95052**

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Express Mail Receipt No. EM335484259US

Date of Deposit 7-8-98

Signature Robert W. Mulcahy

Respectfully submitted,

*Robert W. Mulcahy*  
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